

MULTIMEDIA



UNIVERSITY

STUDENT ID NO

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MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2017/2018

MCI1013 – INTERNET APPLICATION

(All sections / Groups)

11 OCTOBER 2017
9.00 AM - 11.00 AM
(2 Hours)

INSTRUCTIONS TO THE STUDENTS

1. This Question paper consists of 3 pages including cover page with 5 Questions only.
2. Answer **FOUR** out of FIVE questions. All questions carry equal marks and the distribution of the marks for each question is given.
3. Please print all your answers in the Answer Booklet provided.

Question 1

- a. What are the components of an internet application? (5 marks)
 - b. Discuss the role of technology in enabling Social Computing. (8 marks)
 - c. Elaborate the characteristics of Web 2.0. (12 marks)
- (Total = 25 marks)

Question 2

- a. Briefly explain Internet of Things (IoT). (5 marks)
 - b. What are the issues surrounding Cloud Computing? (8 marks)
 - c. How is Big Data and IoT related? (12 marks)
- (Total = 25 marks)

Question 3

- a. How is HTML and Cascading Style Sheet inter-related? (5 marks)
 - b. Explain when are compiled languages should be used instead of interpreted languages. (8 marks)
 - c. Javascript can change HTML content and HTML attributes. Explain how are these achieved. (12 marks)
- (Total = 25 marks)

Question 4

- a. What is Ubiquitous Computing? (5 marks)
 - b. Differentiate a database driven website from a 'flat' website. (8 marks)
 - c. Explain possible design approaches to accommodate the various display devices. (12 marks)
- (Total = 25 marks)

Continued...

Question 5

- a. What is a web server? (5 marks)
- b. Elaborate the use of database in a web application. Give examples. (8 marks)
- c. Briefly explain the below:
- i. PHP
 - ii. MySQL
 - iii. Apache
- (12 marks)
- (Total = 25 marks)

End of Page.